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图的Laplace谱半径的几类上界

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摘要　　本文得到图的Laplace谱半径的几类上界. 通过选取适当的对角矩阵, 我们得到了在一定程度上优于其他界的上界.

关键词　　图　Laplace谱半径　上界

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Several Classes of Upper Bounds for the Laplacian Spectral Radius of a Graph

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Abstract Several classes of upper bounds for Laplacian spectral radius of a graph are obtained. By an appropriate choice of diagonal matrices, some bounds which are in some sense better than the previous ones are presented.

Key words graph　Laplacian spectral radius　upper

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